AllRatesToday

Free Exchange Rate API for Developers

Real-Time & Historical Currency Data | 160+ Currencies | REST API

Real-Time Rates | **160+ Currencies** | **Free Tier** | **Multi-Language SDKs**

allratestoday.com

Mid-Market Forex Rates · No Hidden Spreads · Built for Fintech, SaaS & Global Apps

The Problem with Exchange Rate Data

1

Unreliable Data Sources

Many free APIs serve stale or inaccurate rates with hidden markups that distort true currency values

2

Complex Integration

Developers waste hours parsing inconsistent response formats and handling edge cases across different providers

3

Expensive Pricing

Most accurate exchange rate APIs charge $50–$300/month even for basic access, locking out startups

4

Limited Currency Support

Competing APIs often cover only 30–50 currencies, leaving emerging markets unsupported

5

No Historical Data on Free Tiers

Historical rate access is usually paywalled, making trend analysis and reporting inaccessible

The Solution: AllRatesToday API

A free, fast, and reliable REST API delivering real-time and historical exchange rates for 160+ currencies — built for developers, powered by institutional-grade data.

Updated Every 60s

Real-time mid-market rates refreshed every minute from Reuters & interbank feeds

Institutional Grade

Same mid-market rates used by banks and Google Finance — zero hidden spreads

160+ Currencies

From USD, EUR, GBP to emerging market currencies like NGN, BDT, PKR, KES

Edge-Deployed

Powered by Cloudflare Workers for sub-50ms response times globally

Historical Data

Access historical rates for any date — perfect for trend analysis & financial reporting

Free to Start

300 requests/month free — no credit card required to get your API key

API Endpoints & Capabilities

`GET /api/v1/rates`

Latest Rates

Fetch current exchange rates for one or multiple currencies against any base

`GET /api/v1/rates?date=`

Historical Rates

Retrieve rates for any specific past date for reporting and analysis

`GET /api/v1/convert`

Currency Conversion

Convert amounts between any two currencies with real-time or historical rates

`GET /api/v1/timeseries`

Time Series

Get rates across custom date ranges — ideal for charts and trend analysis

`GET /api/v1/currencies`

Available Currencies

List all 160+ supported currency symbols with full names

`GET /api/historical-rates`

Period Lookups

Preset period queries: 1 day, 7 days, 30 days, or 1 year of rate history

Quick Start: Integrate in Under 5 Minutes

JavaScript / TypeScript

```
npm install @allratestoday/sdk

import { AllRatesToday } from '@allratestoday/sdk';

const client = new AllRatesToday('YOUR_API_KEY');

// Get latest rates
const rates = await client.latest({ base: 'USD' });
console.log(rates.EUR);  // 0.9234

// Convert currency
const result = await client.convert({
  from: 'USD', to: 'EUR', amount: 1000
});
console.log(result.converted);  // 923.40
```

Python

```
pip install allratestoday

from allratestoday import AllRatesToday

client = AllRatesToday('YOUR_API_KEY')

# Get latest rates
rates = client.latest(base='USD')
print(rates['EUR'])  # 0.9234

# Get historical rates
history = client.historical(
    base='USD',
    date='2025-01-15'
)
print(history['EUR'])  # 0.9180
```

Official SDKs: Your Language, Your Way

JavaScript / TypeScript

```
$ npm install @allratestoday/sdk
```

Package: @allratestoday/sdk

Zero dependencies · CommonJS + ESM · Full TypeScript types · Node.js 18+ & Browser

Python

```
$ pip install allratestoday
```

Package: allratestoday

Zero dependencies · Pure stdlib (urllib + json) · Python 3.7+ · Type hints included

PHP

```
$ composer require allratestoday/sdk
```

Package: allratestoday/sdk

PHP 7.4+ · cURL + JSON extensions · PSR-compatible · Lightweight

React

```
$ npm install react-currency-localizer-realtime
```

Package: react-currency-localizer-realtime

React hooks & components · Auto IP geolocation · ~4KB gzipped · Zero extra deps

Institutional-Grade Data You Can Trust

Data Sources

- Reuters (Refinitiv) — global standard for institutional forex data
- Interbank market feeds — the same rates banks use internally
- Mid-market rates — the true midpoint between buy and sell
- No hidden spreads or markups — what you see is what you get
- Updated every 60 seconds during market hours

Why Mid-Market Rates Matter

- Same rates shown on Google Finance & xe.com
- No provider markup inflating your calculations
- Accurate P&L reporting for multi-currency businesses
- Fair conversion benchmarks for fintech apps
- Compliance-ready data for financial reporting
- Trusted by banks, hedge funds & Fortune 500 companies

"AllRatesToday delivers the same mid-market exchange rates used by banks and Google Finance — with zero hidden fees or markup. True interbank rates, free for developers."

Built for Every Industry

Fintech & Banking

Power payment apps, digital wallets, and remittance platforms with accurate real-time rates

Enterprise ERP

Automate multi-currency accounting, invoicing, and financial consolidation

E-Commerce

Display localized prices for international customers and calculate multi-currency checkouts

Travel & Hospitality

Show real-time conversion rates for booking platforms and travel expense tools

SaaS & Apps

Auto-detect user currency via IP geolocation and show prices in their local currency

Data & Research

Access historical rate datasets for economic research and machine learning models

Trading & Analytics

Build forex dashboards, price alerts, and historical trend analysis tools

Gaming & Digital Goods

Price in-app purchases and virtual goods in 160+ local currencies

How AllRatesToday Works

1

Data Ingestion

Reuters & interbank feeds push rates every 60 seconds

2

Processing

Rates validated, normalized & stored in Cloudflare KV

3

Edge Delivery

Cloudflare Workers serve from 300+ global PoPs

4

Your App

Sub-50ms response via REST API or native SDK

300+ Edge Locations

Responses served from the nearest Cloudflare PoP to your users

99.9% Uptime SLA

Enterprise-grade reliability backed by Cloudflare's global infrastructure

< 50ms Latency

Sub-50 millisecond response times for most global regions

Clean, Predictable JSON Responses

Request

```
GET /api/v1/rates
  ?base=USD
  &symbols=EUR,GBP,JPY,CAD,AUD
Authorization: Bearer YOUR_API_KEY
```

Response Highlights

- ✓ Consistent JSON structure across all endpoints
- ✓ ISO 8601 timestamps for reliable date parsing
- ✓ Bearer token authentication — simple & secure
- ✓ Descriptive error messages with HTTP status codes
- ✓ CORS-enabled for browser-based applications
- ✓ Gzip compression for minimal bandwidth usage

Response (200 OK)


```
{
  "success": true,
  "base": "USD",
  "date": "2026-04-12T14:30:00Z",
  "rates": {
    "EUR": 0.9234,
    "GBP": 0.7891,
    "JPY": 151.42,
    "CAD": 1.3567,
    "AUD": 1.5234
  }
}
```

React SDK: Currency Localization Made Easy

```
import { useCurrencyLocalizer } from
  'react-currency-localizer-realtime';

function PricingCard({ priceUSD }) {
  const { convert, userCurrency, loading }
    = useCurrencyLocalizer({
        apiKey: 'YOUR_API_KEY',
        baseCurrency: 'USD'
      });

  if (loading) return <Spinner />;

  return (
    <div className="price">
      {convert(priceUSD)} {userCurrency}
    </div>
  );
}
```

Key Features

✓ Auto IP Geolocation

Detects visitor's country and shows prices in their local currency automatically

✓ ~4KB Gzipped

Tiny bundle size — zero runtime dependencies beyond React itself

✓ Smart Caching

Built-in rate caching to minimize API calls and maximize performance

✓ SSR Compatible

Works with Next.js, Remix, and other server-side rendering frameworks

✓ TypeScript First

Full type safety with comprehensive TypeScript definitions

Simple, Developer-Friendly Pricing

Free

$0
/month

- ✓ 300 requests/month
- ✓ Real-time rates
- ✓ 160+ currencies
- ✓ All endpoints
- ✓ Community support

MOST POPULAR

Developer

$9
/month

- ✓ 10,000 requests/month
- ✓ Everything in Free
- ✓ Historical data access
- ✓ Time series endpoint
- ✓ Email support

Business

$49
/month

- ✓ 100,000 requests/month
- ✓ Everything in Developer
- ✓ Priority support
- ✓ SLA guarantee
- ✓ Dedicated account rep

Enterprise

Custom

- ✓ Unlimited requests
- ✓ Everything in Business
- ✓ Custom SLA
- ✓ On-premise option
- ✓ 24/7 phone support

No credit card required for Free tier • Cancel anytime • Volume discounts available

How AllRatesToday Compares

Feature	AllRatesToday	Open Exchange Rates	Fixer.io	CurrencyLayer
Free Tier	**300 req/mo**	1,000 req/mo	100 req/mo	100 req/mo
Currencies	**160+**	170+	170+	168
Update Frequency	**60 seconds**	1 hour (free)	1 hour	varies
Historical Data	**✓ Free**	Paid only	Paid only	Paid only
Data Source	**Reuters/Interbank**	Multiple	ECB/Banks	Multiple
Official SDKs	**JS, Python, PHP, React**	Ruby, Node	None	JS, PHP
Edge Deployed	**✓ Cloudflare**	✗	✗	✗
Hidden Markup	**None**	Possible	Possible	Possible
Starting Price	**Free / $9/mo**	$12/mo	$10/mo	$15/mo

Get Started in 3 Simple Steps

1

Sign Up Free

Create your account at allratestoday.com/register
No credit card required — instant API key generation

Takes 30 seconds

2

Install Your SDK

Choose your language: npm, pip, or composer
Or use the REST API directly with any HTTP client

One command

3

Start Building

Make your first API call and get live exchange rates
Full documentation at allratestoday.com/developers

Under 5 minutes

Start Free → allratestoday.com/register

AllRatesToday

The Free Exchange Rate API

Developers Trust

160+	60s	<50ms	99.9%
Currencies	Update Interval	Response Time	Uptime SLA

allratestoday.com

Website: allratestoday.com | Docs: allratestoday.com/developers

GitHub: github.com/allratestoday | NPM: @allratestoday/sdk | PyPI: allratestoday